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BULLETIN

OF THE



CALIFORNIA STATE

FERRY BUILDING,

LEWIS E. AUBURY, ST.

SHOWING BY COUNTIES THE MINERAL PRODUC-

(COMPILED FROM DIRECT RETURN)

COUNTIES	METALLIC.						NON-METALLIC.						HYDROCARBONS										
	PRECIOUS METALS, AS PER RETURNS TO U. S. MINT AT SAN FRANCISCO		COPPER		QUICKSILVER		MISCELLANEOUS.		BORAX AND BORIC ACID.		COAL		MINERAL WATERS.		SALT.	MISCELLANEOUS CHYNOPEASE, FULLER'S EARTH, INFUSORIA BENTONITE, CALCIUM BITUMINOUS ROCK, LITHIA MICA, SODA, MAGNESITE, MOLYBDUM, QUARTZITE AND GRAPHITE	ASPHALTUM, BITUMINOUS ROCK, AND NATURAL GAS.						
	GOLD	SILVER	Value.	Value	Lbs. Fine.	Value.	Flasks.	Value	Quantity.	Value	Tons.	Value.	Tons.	Value.	Gallons.	Value.	Tons.	Value.	Quantity.	Value.	Quantity.	Value.	
Alameda									\$7	Manganese	\$7,140					67,850	\$203,550			80,000	\$160,000		
Alpine	\$10,359	\$3,770							Lbs. 1,500	Lead.	52												
Amador	1,629,151	2,686	130,000	\$14,620												5,450	10,912						
Butte	916,782	2,219																	14,000	\$1,500			
Calaveras	2,072,939	46,234	2,087,501	251,062					259	Mineral Paint	778												
Colusa		850					(b) 605	\$26,100											142,305	79,698	18	396	
Contra Costa			31,700	3,645												13,960	31,160	31,200	8,736				
Del Norte		5,450																					
El Dorado	335,031	52	2,128	319																			
Fresno	54,427	21,200	3,000,000	345,000															5,000	4,500			
Humboldt	60,015																	10,000	2,500				
Inyo	74,397	14,484	1,100	126					257,500	Lbs. Lead.	9,013	310	Refined Borax							7,000	50,000		
Kern	1,165,982	99,135	235,840	27,122																	987	19,246	
Kings																				1,000	1,000	10,150	\$101,500
Lake							3,611	161,568										241,100	126,663				
Lassen		23,410	244																				
Los Angeles		7,209																		90	180	60	360
Madera		35,128	3	18,600	2,139																		
Marin																			700	1,400			
Mariposa		631,478	3,880	104,700	11,940																		
Mendocino																		28,575	7,898				
Merced							14,400	1,656															
Mono		510,596	36,548																				
Monterey		6,860	18															15,000	1,750				
Napa																		236,229	97,048				
							7,142	304,474												150	450		



MINING BUREAU,

1

SAN FRANCISCO.

RY, STATE MINERALOGIST.

INTRODUCTIONS OF CALIFORNIA FOR THE YEAR 1902.

(DIRECT RETURNS BY PRODUCERS.)

Total value Precious Metals, \$17,576,732 Total value Metallic Substances, inc. Precious Metals, \$22,069,327.

Total value Non-Metallic Substances, \$3,706,368.

Total value Hydrocarb

Tons are of 2,000 pounds—spot values

Counts not mentioned made no mineral production during 1900.

* This Bureau has never independently collected statistics of precious metal output, but has used totals and distribution by county obtained at the United States Mint, San Francisco.

(a) Commercial value

(b) Flasks of $76\frac{1}{2}$ pounds.

- (c) Utilized for Sulphur contents.
- (d) Value of that commercially used.
- (e) Barrels of 42 gallons. Prices, average £, n. b. at wells.

(f) Includes common, dressed, and fine

(7) For smelting-flux, beet-sugar manufacture, and paving.

(a) For smelting-ox. beet-sugar manufacture, and paving.
(b) for sea-wall construction, railroad and concrete work, etc.

(1) So-called Basalt Blocks.
The unweathered indurated product of single sources, etc., in countries such

(c) Unapportioned includes product of single names, etc., in counties, so as to conceal their identity; and also includes estimates of product of properties known to be working, but from which no returns were obtained.

MISCELLANEOUS TOTALS—METALLIC

MISCELLANEOUS TOTALS.—METALLIC.			
Uranium	315 tons	\$4,725	
Lead	39,440 lbs.	12,230	
Manganese	870 tons	7,140	
Mineral Paint	589 tons	1,533	
Platinum	39 ozs.	468	

MISCELLANEOUS TOTALS.—X

Chrysoprase	.....
Fuller's Earth	.....
Graphite	.....
Gypsum	.....
Infusorial Earth	.....
Lithia Mica	.....
Magnesite	.....
Mica	.....
Pyrrites	.....
Soda	.....
Tourmaline	.....
Turquoise	.....

Tons Totals—Non-Metallic

Total value Structural Materials, \$4,400,023.

1902. | 1901.

TOUTS TOTALS.—NON-METALLIC.

50 lbs.	\$500
987 tons	19,246
42 tons	1,630
10,200 tons	53,500
422 tons	2,532
822 tons	31,880
2,830 tons	20,450
50 tons	2,600
17,525 tons	60,300
7,000 tons	50,000
	150,000
510 lbs.	11,600
	\$404,339

MISCELLANEOUS TOTALS - HYDROCARBONS AND GASES.

Oil 31,511 tons
Gas Rock 33,490 tons
Gas 120,968 M cu ft

MISCELLANEOUS TOTALS.—STRUCTURAL MATERIALS.

.....	.....	4,500 tons
.....	.....	19,405 cu.ft.
.....	.....	3,502 M
.....	.....	1,556/076 tons
.....	.....	342 cu.ft.
.....	.....	4,000 sqrs.
.....	.....	14 tons

CALIS—PORTLAND CEMENT AND CLAYS FOR BRICK, POTTERY, ETC.

Common, Pressed, and Fired).....	169,851 M.	\$1,306,215
(Portland)	171,000 bbls.	425,600
Pottery, sewer-pipe, etc.	67,933 tons	74,163
		\$1,803,978
TOTALS - SANDSTONE AND GRANITE.		
	257,650 cu. ft.	\$255,239
Brick.....	219,133 cu. Ft.	142,500
		\$397,739

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